FORM PTO-1390 (Modified) REV 11-2000) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 216926US2PCT TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR DESIGNATED/ELECTED OFFICE (DO/EO/US) 10/009174 CONCERNING A FILING UNDER 35 U.S.C. 371 PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/JP01/03027 9 April 2001 10 April 2000 TITLE OF INVENTION CERAMIC SUBSTRATE APPLICANT(S) FOR DO/EO/US HIRAMATSU Yasuji et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), 3. (6), (9) and (24) indicated below. The US has been elected by the expiration of 19 months from the priority date (Article 31). 4. \boxtimes A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) 5. is attached hereto (required only if not communicated by the International Bureau). a. 🔲 b. 🛛 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). с П An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛛 is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. 🗆 have been communicated by the International Bureau. c. 🔲 have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). 11. 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 20 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18 A change of power of attorney and/or address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 20. A second copy of the published international application under 35 U.S.C. 154(d)(4). 21. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 22. Certificate of Mailing by Express Mail 23. \boxtimes Other items or information: Request for Priority/Drawings (8 sheets) Form PTO-1449

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U.S. APPLICATION N	O JURNOVO TEET 4FR	INTERNATIONAL APP		ATTORNEY'S DOCKET NUMBER 216926US2PCT							
BASIC NATIONAL Neither international s and International p USPTO but Ir International p but international but all claims	owing fees are submitted:. FEE (37 CFR 1.492 (a) (1) - (ational preliminary examination search fee (37 CFR 1.445(a)(2)) onal Search Report not prepared preliminary examination fee (37 nternational Search Report prepareliminary examination fee (37 nal search fee (37 CFR 1.445(a)) preliminary examination fee (37 did not satisfy provisions of PC preliminary examination fee (37 pre	fee (37 CFR 1.482) nor paid to USPTO by the EPO or JPO CFR 1.482) not paid to red by the EPO or JPO CFR 1.482) not paid to (2)) paid to USPTO	USPTO PTO	\$1040.00 \$890.00 \$740.00 \$710.00	CALCULATIONS	PTO USE ONLY					
and all claims	s satisfied provisions of PCT Art ENTER APPROPRI	\$890.00									
Surcharge of \$130.00	o for furnishing the oath or declariest claimed priority date (37 C	ration later than	⊠ 20	□ 30	\$130.00						
CLAIMS	NUMBER FILED	NUMBER EXTR	A	RATE							
Total claims	- 20 =	0	x	\$18.00	\$0.00						
Independent claims	- 3=	0	x	\$84.00	\$0.00 \$0.00						
Multiple Dependent	Claims (check if applicable).	ABOVE CALCU	II ATIO	NS =	\$1,020.00						
Applicant clain reduced by 1/2.	ns small entity status. See 37 CF	\$0.00									
Tedassa sy men			SUBTO	TAL =	\$1,020.00						
Processing fee of \$1 months from the ear	30.00 for furnishing the English liest claimed priority date (37 C	FR 1.492 (t)).	□ 20	□ 30 +	\$0.00						
		TOTAL NATI		$\frac{\text{'EE}}{}$ =	\$1,020.00						
Fee for recording the accompanied by an	e enclosed assignment (37 CFR appropriate cover sheet (37 CFR	3.28, 3.31) (check if a	ppiicabie).		\$0.00 \$1,020.00						
	TOTAL FEES ENCLOSED =					\$					
					Amount to be:	\$					
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b. Plea	Please charge my Deposit Account No in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.										
to D	eposit Account No. 15-003	A duplicate cop	y of this she	et is enclosed							
d. 🔲 Fees	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
NOTE: Where an 1.137(a) or (b)) mu	appropriate time limit under ist be filed and granted to rest	37 CFR 1.494 or 1.495 ore the application to p	has not bee ending stat			°R					
SEND ALL CORR	ESPONDENCE TO:			du	und Sachas						
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Docket No.

216926US2PCT

IN RE APPLICATION OF: Yasuji HIRAMATSU et al.

SERIAL NO: 10/009,174

FILED:

December 10, 2001

FOR:

CERAMIC SUBSTRATE

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith:

Notification of Missing Requirements/Response to Notice/Declaration

Supplemental Application Data Sheet

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE		CALCULATIONS
TOTAL	4	MINUS	20	. 0	x	\$18	=	\$0.00
INDEPENDENT	. 1	MINUS	3	0	х	\$84	=	\$0.00
:		☐ MULTIPLE DEPENDENT CLAIMS + \$2					=	\$0.00
	TOTAL OF ABOVE CALCULATION						NS	\$0.00
		☐ Reduction by 50% for filing by Small Entity						\$0.00
		☐ Recordation of Assignment + \$40					=	\$0.00
		TOTAL						

- ☐ A check in the amount of **\$0.00** is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Registration No.

24,913

Surinder Sachar

Registration No.

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